

CMS Forum 2008 Activities and Accomplishments	
Priority Activities	Completed
Conference	
<ul style="list-style-type: none"> ▪ Host CMS Forum Annual Conference and increase customer attendance by 10% 	<p>Hosted annual CMS Conference in San Francisco for 104 attendees. New customers attending included Novartis, EPA Labs, Sandia Labs, AAR Corp, American Airlines, Samsung, and Kia Motors.</p>
Training	
<ul style="list-style-type: none"> ▪ Develop and execute CMS Training Program 	<p>1st CMS Training Program produced successfully in May 2008 in Pontiac, Michigan for approx. 25 attendees. Partnership with TURI established for 2009 training.</p>
Industry Report	
<p>CMS Industry Report</p> <ul style="list-style-type: none"> ▪ Publish 2008 Industry Report 	<p>Developed and distributed RFP to 12 potential firms; results presented to CMS Forum at Conference. Engaged consulting firm to produce 2009 CMS Industry Report.</p>
Communications/ Outreach/ Program Administration	
<p>Peer Education calls</p> <ul style="list-style-type: none"> ▪ Coordinate 4-6 CMS Forum educational conference calls 	<p>Coordinated 5 calls on: Climate Change, REACH, Chemical Indices, RFID Smart Freezer, RFID Asset Management.</p>
<p>Case Studies</p> <ul style="list-style-type: none"> ▪ Gather and write new case studies representing a variety of different industries and CMS models ▪ Promote case studies through articles, website and internet mailings 	<p>1 case study written: Stanford Linear Accelerator Center (SLAC)/ Haas TCM</p> <p>GM/Quaker Case Study published in American Machinist and Welding Magazine.</p>

Communications/ Outreach/ Program Administration	
<p>Administration</p> <ul style="list-style-type: none"> ▪ Respond to general information inquiries ▪ Grow CMS Forum revenue by recruiting new members ▪ Update Strategic Plan based on results of 2008 CMS Industry Report <p>Articles & Conferences</p> <ul style="list-style-type: none"> ▪ Present at 3-5 conferences; publish 2-4 articles <p>CMS Insider Newsletter</p> <ul style="list-style-type: none"> ▪ Produce and distribute quarterly newsletter ▪ Include quarterly updates on regulatory issues and Green Chemistry <p>International CMS Outreach</p> <ul style="list-style-type: none"> ▪ Leverage CSP outreach activities in Europe by using strategic partnership with Yorkshire Chemical Focus ▪ Leverage CSP outreach activities in Asia by assisting Korean government in testing and promoting CMS 	<ul style="list-style-type: none"> ▪ Provided timely, high quality information to the public; tracked inquiries to report to CMS Forum members. <p><i>Suppliers:</i> Tetra Tech (but lost SRS, Fisher, Avchem); <i>Customers:</i> Petrotrin currently pursuing membership process; <i>Other:</i> Yorkshire Chemical Focus, Morrison & Foerster.</p> <p>Waiting on results of report; proposed for 2009.</p> <p>Presented at 5 conferences and published articles in 2 magazines.</p> <p>4 newsletters produced. REACH, Green Chemistry, and Climate Change, and Toxics Control policy tracked.</p> <p>Jill Kauffman Johnson travelled to Yorkshire in October 2008 to participate in an informational symposium on CMS. CSP developed two trainings for Korean groups (1 in US & 1 in Korea) to be held in 2009.</p>

Highlights

Conference

12th Annual CMS Conference: CMS: Success in Driving Sustainability

San Francisco, CA – November 12-14, 2008

The 2008 CMS Conference, held at the Hilton San Francisco Financial District, attracted a wide range of CMS stakeholders from across the country, with 102 representatives from 42 different companies, including 7 new customer companies. The opening plenary on Green Chemistry and the closing on Sustainability and the Green Economy highlighted the important connection between the environmental and economic benefits of CMS. In addition, speakers emphasized increasing regulatory pressures such as

REACH, California's Green Chemistry Legislation, and climate change regulation as well as increased international interest in CMS. Awareness of international efforts was definitely apparent this year - in addition to a 12-person delegation from South Korea, this year's conference featured presentations on Chemical Leasing, a similar effort promoted by the United Nations International Development Organization, CMS efforts in the UK, and case studies on international CMS rollouts. Other speakers focused on CMS in the laboratory setting, new implementations, and mature programs in the aerospace sector. Additionally, conference participants had the opportunity to participate in a unique chemical cost baselining exercise, originally developed for the CMS Training program held in Pontiac, Michigan, in May 2008. The nine breakout sessions and two industry roundtables generated interesting discussion on the future of the industry.

Training Program

CSP developed and presented the first annual CMS Training Program in Pontiac, Michigan, from May 20 to 22, 2008, for 25 attendees. The participants completed 7 modules on topics ranging from an interactive chemical cost baselining exercise to relationship-building and communications and case studies on existing programs. The training was well received and was updated and modified for 2009 with more interactive modules and a CMS program tour. To help promote the event and expand its the audience, CSP developed a partnership with the Massachusetts Toxics Use Reduction Institute to co-sponsor the 2009 training. CSP has been requested to replicate the training program for a group in Korea and for Chemical Leasing Program Managers in Serbia in 2009.

CMS Industry Report

In response to requests for new industry data, CSP distributed an RFP for a 2009 CMS Industry Report to 12 potential firms and presented options at the CMS Forum member meeting at the November conference. Consensus was established to produce the 2009 Industry Report. CSP engaged The ChemQuest Group, Inc. to produce the 2009 report.

Case Studies

Two new case studies were published in 2008. The first study details Haas TCM's new CMS implementation at the Stanford Linear Accelerator Center, focusing on program drivers and early cost savings. The second case study relates how Quaker Chemical Management was able to bring a process improvement to the plant floor, delivering continued savings in an established program at the General Motors Grand Rapids metal fabrication plant. This article was published in *American Machinist* and *Welding Magazine*.

View the article: http://weldingmag.com/news/general_motors_plant/

Additional Activities

The CMS Forum continued to leverage CSP activity to achieve some of the its goals through 1) an initiative to expand CMS in K-12 schools, and 2) an initiative to introduce CMS internationally, specifically to Korea and the United Kingdom.

1. Educational Institutions Initiative

Following up on the draft manual published in 2007, CSP began to work with the Albuquerque Public School district to evaluate the feasibility of CMS in a large urban school district. This project is funded by a 2006 EPA Resource Conservation Challenge grant to expand its work with K-12 schools.

2. International Initiatives

CMS in Korea

The Korean National Cleaner Production Center is interested in developing and promoting CMS in Korea. As part of this effort, CSP hosted a delegation of twelve representatives from Korean companies at the CMS Conference in November 2008 and was engaged to provide two CMS training programs in 2009, one in the U.S. and the other in Korea.

Yorkshire Forward - UK

Following an early CMS pilot in the utilities sector between Thames Water and Ciba Speciality Chemicals, Yorkshire Forward, a regional development agency (RDA), agreed to provide additional funding to Yorkshire Chemical Focus (YCF) to develop the CMS industry as an economic development mechanism in the region. As a result of this additional funding, Chemical Strategies Partnership was contracted to act as mentor, advisor and trainer to aid in the adoption of CMS. After YCF's attendance at CSP's training program in Pontiac, Michigan in May 2008, many of the companies who were already practicing CMS in the UK and Europe were contacted with a view to addressing local needs. Those companies met for the "Your Chemical Future" Conference and Symposium on October 15, 2008 to learn about CMS and cultivate candidates for a CMS pilot program. Jill Kauffman Johnson travelled to the UK to present at this event.